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PTO/SB/21 (08-00)
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/775,490	
	Filing Date	Feb 09, 2004	
	First Named Inventor	Nelson	
	Group Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	59	Attorney Docket Number	MS1-1866US

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) Sheets <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form 1449 & Copies of 13 Cited Non-Patent References; Return Receipt Postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Steven J. Spellman; 45124
Signature	
Date	5-6-04

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1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Serial No.10/775,490
3 Filing DateFeb 09, 2004
4 Confirmation No.....
5 Inventorship Nelson
6 Applicant Microsoft Corporation
7 Group Art Unit
8 Examiner
9 Attorney's Docket No. MS1-1866US
10 Title: Pipeline Quality Control

11 **INFORMATION DISCLOSURE STATEMENT**

12 *References -- See Attached Form PTO-1449*

13 **REMARKS**

14 With regard to the above-identified application, the documents listed on the
15 enclosed Form 1449 are brought to the attention of the Examiner. A copy of each
16 document listed on the enclosed Form 1449 is provided. Consideration of the listed
17 documents is respectfully requested. Additionally, it is requested that the
18 Examiner return a copy of the attached Form 1449, marked as being considered
19 and initialed by the Examiner, to the undersigned with the next official
20 communication.

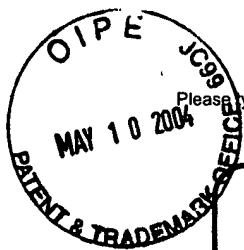
21 No representation is made that any of the documents listed in the enclosed
22 Form 1449 constitute prior art or are in any way material to the subject matter of
23 the above-identified application

24 Respectfully Submitted,

25 Date: 5-5-2004

By: 

Steven J. Spellman
Reg. No. 45,124



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/775,490
				Filing Date	Feb 9, 2004
				First Named Inventor	Nelson
				Group Art Unit	
				Examiner Name	
Sheet	1	of	4	Attorney Docket Number	MS1-1866US

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,539,886		Aldred et al.	07-23-1996	
		5,604,843		Shaw et al.	02-18-1997	
		5,765,011		Wilkinson et al.	06-09-1998	
		6,014,706		Cannon et al.	01-11-2000	
		6,044,408		Engstrom et al.	03-28-2000	
		6,192,354		Bigus et al.	02-20-2001	
		6,243,753		Machin et al.	06-05-2001	
		6,263,486		Boezeman et al.	07-17-2001	
		6,308,216		Goldschmidt et al.	10-23-2001	
		6,546,426		Post	04-08-2003	
		6,209,041		Shaw et al.	03-27-2001	
		6,594,773		Lisitsa et al.	07-15-2003	
		6,658,477		Lisitsa et al.	12-02-2003	
		2002/0158897		Besaw et al.	10-31-2002	
		2003/0101253		Saito et al.	05-29-2003	
		6,625,643		Colby et al.	09-23-2003	
		6,618,752		Moore, et al.	09-09-2003	
		6,691,312		Sen et al.	02-10-2004	
		5,887,139		Madison, Jr. et al.	03-23-1999	
		6,038,325		Ogino et al.	03-14-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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		Application Number	10/775,490		
		Filing Date	Feb 9, 2004		
		First Named Inventor	Nelson		
		Group Art Unit			
		Examiner Name			
Sheet	3	of	4	Attorney Docket Number	MS1-1866US

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Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SHIH, T. K. "Participator Depenent Multimedia Presentation", Journal of Information Sciences, Vol. 107, pp. 85-105, 1998.	
		SHIH, T. K., PAI, W. C. "A Stepwise Refinement Approach to Multimedia Presentation Designs", IEEE, pp. 117-122, 1997.	
		SAMEJO, A. A. et al., "Graphical User Interface Based Multimedia Web Suite in Windows Environment", Mehran University Research Journal of Engineering & Technology, Vol. 20, No. 2, pp. 57-68, April 2001.	
		SHIH, T. K., et al., "A Knowledge Abstraction Approach for Multimedia Presentation", IEEE, pp. 528-532, 1997.	
		LEE, Sei-Hoon, WANG, Chang-Jong; "Open Multimedia/Hypermedia Application Development Environment", Inspec, 1996.	
		CHUNG, Chi-Ming et al., "A Control and Data Abstraction Approach for Multimedia Presentation", Journal of the Chinese Institute of Electrical Engineering, Vol. 5, No. 3, pp. 265-276, 1998.	
		ROBERTSON, MARK A.; STEVENSON, ROBERT L.; "Temporal Resolution Enhancement in Compressed Video Sequences"; University of Notre Dame, Notre Dame, Indiana; September, 2001; pgs 1-11	
		GIROD, BERND; FARBER, NIKO; "Feedback-Based Error control for Mobile Video Transmission"; Proceedings of the IEEE, v 87, n10, October 1999; pgs 1707-1723	
		CHIEN, SHAO-YI; CHEN, CHING-YEH; HUANG, YU-WEN; and CHEN, LIANG-GEE; "Multiple Sprites and Frame Skipping Techniques for Sprite Generation with High Subjective Quality and Fast Speed"; IEEE 2002; pgs 785-788	
		OLSON, ROBERT, et al., "Remote Rendering Using Vtk and Vic," website at http://www-unix.mcs.anl.gov/fl/publications/vis00-vicvtk.pdf , 2 pages.	
		ENGEL, KLAUS et al, "Remote 3D Visualization Using Image-Streaming Techniques" website at: http://citeseer.nj.nec.com/394248.html , 4 pages.	

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				First Named Inventor	
				Group Art Unit	
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Sheet	4	of	4	Attorney Docket Number	
				MS1-1866US	

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		ENGEL, K., et al., "Combining Local and Remote Visualization Techniques for Interactive Volume Rendering in Medical Applications" website at http://wwwvis.informatik.uni-stuttgart.de/eng/research/pub/pub2000/engel_vis00.pdf	
		TGS website at http://www.tgs.com/pro_div/oiv_overview.htm , "Open Inventor from TGS4.0 "Open Inventor Overview," printed 4/28/2003, 4 pages.	

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